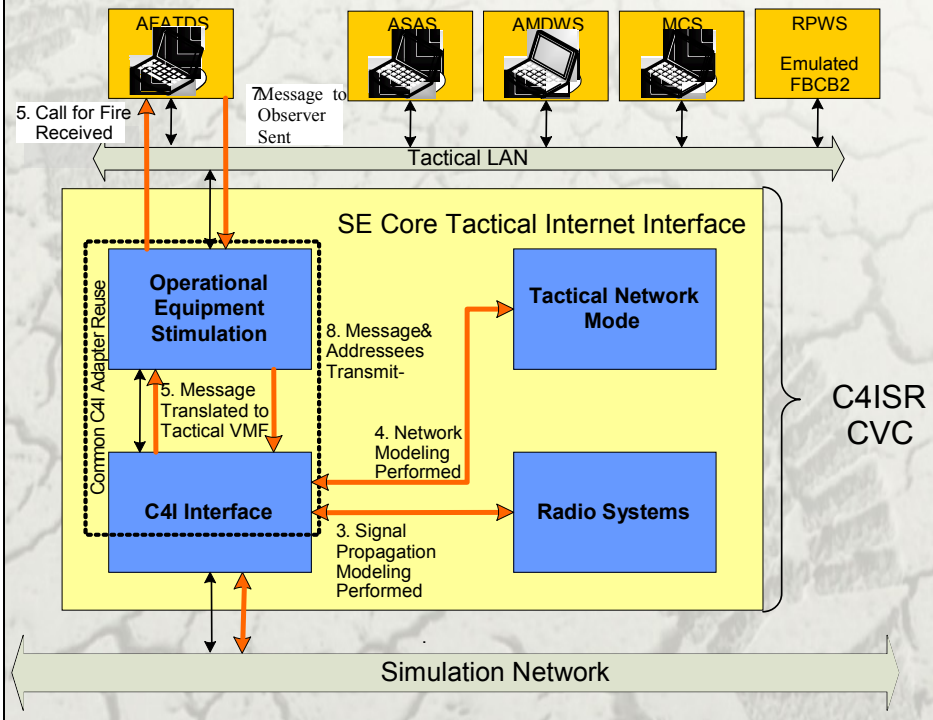
C4ISR CVC Fact Sheet

Command, Control, Communications, & Computer Intelligence
Surveillance & Reconnaissance



Supported C4ISR systems

- FBCB2—CCTT, BATS, CGA
- BFT—AVCATT
- MCS—CCTT, AVCATT

Supported C4ISR message formats

Planned

- VMF—FBCB2 R5 SWBI, SWBII, 6017, AMDWS, ASAS, MCS, AFATDS

Future

- USMTF—AMDWS, ASAS, MCS, AFATDS
- FS Pkg 11— AFATDS, replaces FS Pkg 10/ TACFIRE

Capabilities

- The Tactical Internet Interface (TII) provides data communications between the Tactical Internet (TI) and the virtual simulation
- Enables live C4I systems to stimulate and be stimulated by the virtual simulation battlespace
- Translates C4I messages from live C4I systems, connected to the TI, to the Virtual DIS Simulation Network Protocol for use within a virtual simulation
- Acts as bridge between the internal elements of a Training System and the external tactical C4ISR equipment within a Tactical Operations Center (TOC)
- Includes data format conversions, data validation, and communications standards, ensuring that messages passing between the live and virtual environments are comprehensible by recipients on both sides of the TII.
- The SA Generator will provide the SA picture for entities that do not already produce their own free text (K01.01), position reports (K04.01), spot/observation reports (K05.01), and entity data (K05.19) messages.

Planned Adopters

- AVCATT (1st Adopter)
- Ft Rucker Simulation Center

Potential Future Adopters

- CFFT
- CCTT
- Stryker

Documentation

Component Contract includes:

- Requirements Specifications
- SDD
- Interface Definition
- Build Procedures
- Install Procedures
- Runtime Procedures
- Training Material
- User Manual

Reuse Options

- Support as a stand alone application
- Support full replacement for existing simulation specific systems
- Support integration as a product into existing architectures

Distribution Process

Software distribution of products shall be made by the PM CATT Post Production Software Support (PPSS) Lab, upon receipt and approval of the request that was made through the SE Core portal.

- **GUI driven application that is designed for user, operator, technician ease of use**
- **Easy to adopt and integrate**
- **Leverages proven product (PEOSTRI Common C4I Adapter)**
- **Minimize LCC while providing added capability to warfighter training**

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http://www.peostri.army.mil/PMConSim/SECore.jsp

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